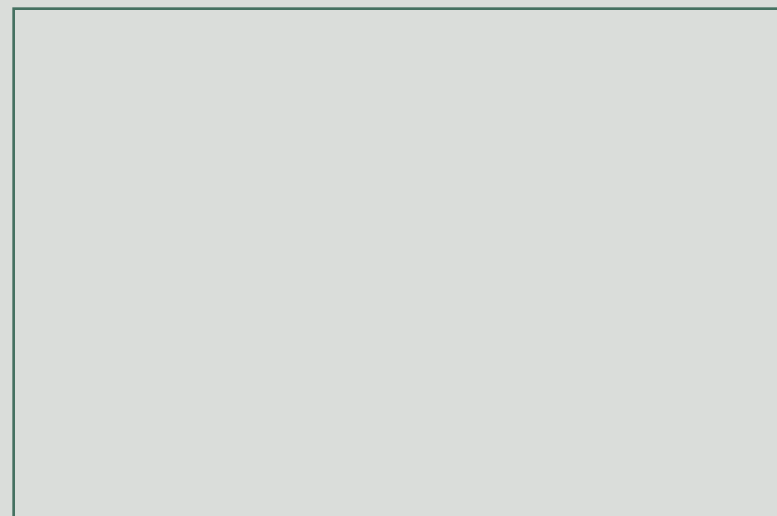
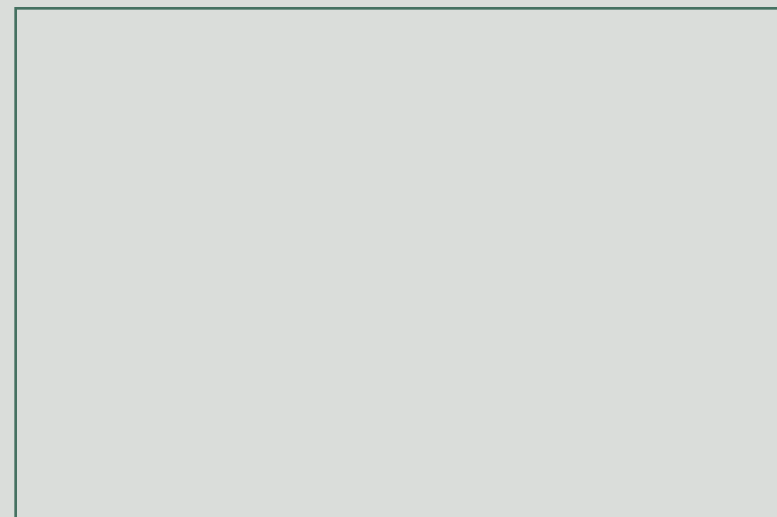


# Map & Photo Legend





caption



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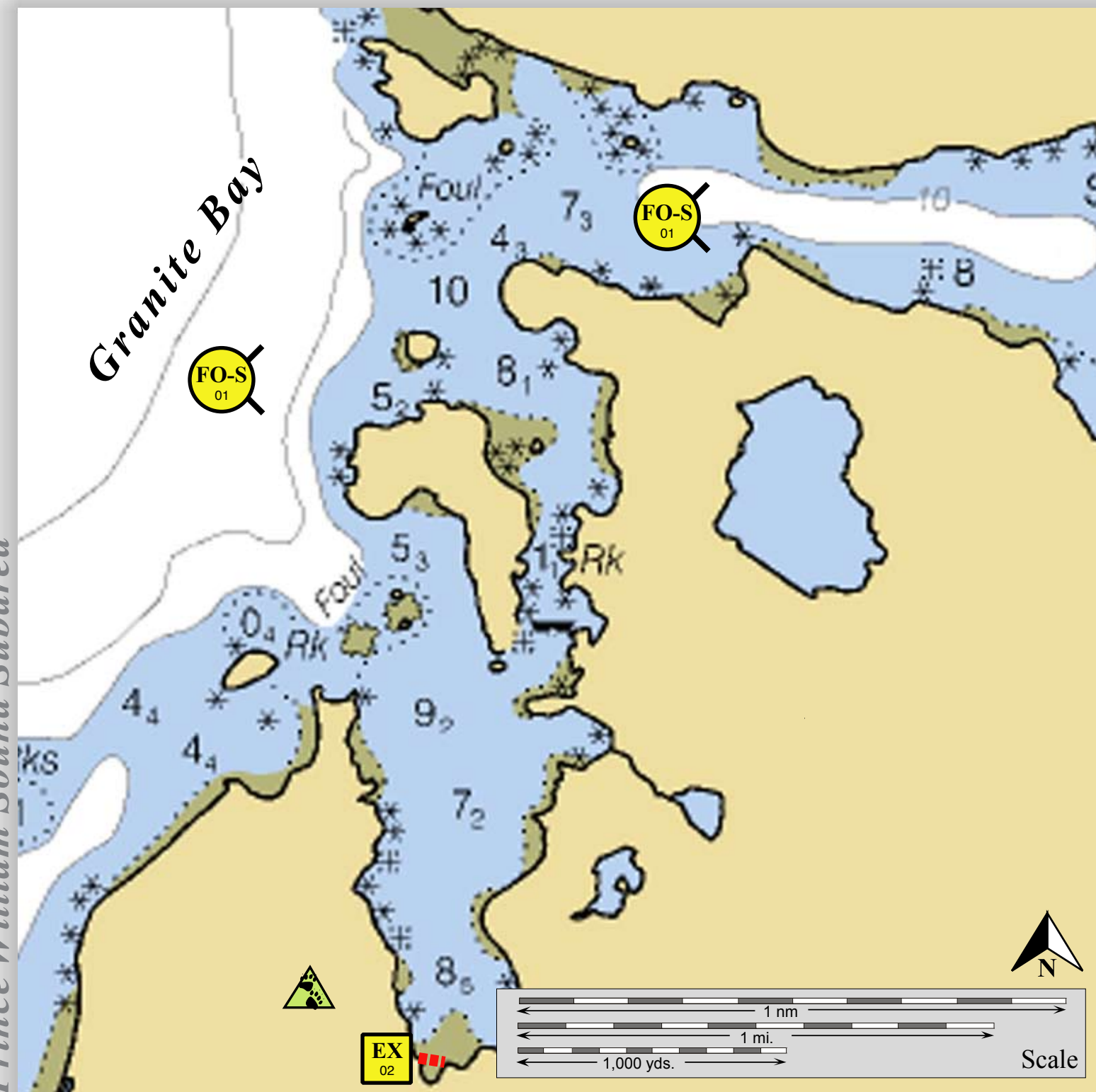
-  Free-oil Containment and Recovery, Shallow Water
-  Exclusion Booming
-  Protected-water Boom
-  Bears in Area, Guards Recommended

## Geographic Response Strategies for

Prince William Sound Subarea

## Granite Bay, PWS-NW-20

Center of map at 60° 52.45' N Lat., 148° 06.19' W Lon.



This is not intended for navigational use.

Soundings in fathoms

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
PWS NW-20-01 <div>FO-S</div>	<b>Granite Bay</b> Nearshore waters in the general area of:  Lat. 60°52.45'N Lon. 148°06.19'W	<b>Free-oil Recovery</b> Maximize free-oil recovery in the offshore & nearshore environment of Granite Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Granite Bay.  Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Whittier	Via marine waters  Chart 16711-1	Same as NW-20-02	Vessel master should have local knowledge.  Use extreme caution, shoal waters with numerous reefs and rocks.
PWS NW-20-02 <div>EX</div>	<b>Granite Bay</b> Lat. 60°52.26'N Lon. 148°05.95'W	<b>Exclusion</b> Exclude oil from impacting the salmon stream and intertidal area in Granite Bay.	Deploy anchors and boom with skiffs (class 6) at high tide.  Place 200 ft. protected-water boom in a chevron pattern in front of the stream mouth and intertidal area.  Tend throughout the tide.	<b>Deployment</b> <b>Equipment</b> 200 ft. protected-water boom 1 ea. anchor systems 4 ea. anchor stakes <b>Vessels</b> 1 ea. class 3 1 ea. class 6 <b>Personnel/Shift</b> 5 ea. vessel crew/general techs <b>Tending</b> <b>Vessels</b> 1 ea. class 3 1 ea. class 6 <b>Personnel/Shift</b> 3 ea. vessel crew/general techs	Vessel platform	Via marine waters  Chart 16711-1	Fish- intertidal spawning- salmon (May- Sept.)  Birds-waterfowl concentration  Marine mammals- otters  Habitat-sheltered rocky shoreline	Vessel master should have local knowledge.  Site surveyed 6/06/09 by PWS Tactics Committee  Title 16 Fish Habitat Permit required from ADF&G.  A population of bears is present during salmon runs. A bear guard is required.  Tested: not yet